molift®

NOMAD

CE

- a patient lifter from

molift®
designed for life

OPERATOR MANUAL

Innhold

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IMPORTANT!

The patient lifter is only meant to be used by qualified personnel.

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General advice

This user manual contains important safety instructions and information regarding the use of the lifter. Carefully read the manual before using the lifter in order to be familiar in the function and use of the lifter.

Explanation of symbols

This symbol is used to point out instructions and information related to work place safety where injury may occur if the information is disregarded or ignored. Follow these instructions, be careful and attentive at all times.

This symbol indicates important information regarding the use of the equipment. If not taken into consideration, it may lead to damage or functional defects to the lifter or other equipment.

This symbol indicates important and useful information. If taken into consideration, it will help the operator of the lifter to work efficiently. It may help simplify routines and to explain complicated facts.

Before using the patient lifter

Before using a patient lifter, the operator must be trained accordingly. Practice lifting a colleague, and be lifted by others. It is important not only to know how to move another person using the lifter, but also how it is to be lifted. Try out and practice using all the relevant slings for the different types of lifter and movement you may encounter. Before lifting a person, you should explain the procedure.

When using the lifter, it's also important to use the correct sling and accessories according to:

- type of disability
- size
- weight
- type of movement

Responsibility

Please read these operating instructions carefully before putting the product into operation. We assume no liability for damage or malfunctions resulting from failure to comply with the instructions. Warranty claims must be made immediately on detecting the defect. Remember to quote the serial number. Consumable parts are not subject to the warranty.

All technical information, data and instructions for operation contained in these operating instructions were up-to-date at time of print and are compiled on the basis of our experience and to the best of our knowledge. We reserve the right to incorporate technical modifications within the scope of further development of the product described in this manual. No claims can be derived from the information, illustrations or descriptions contained in these instructions. We assume no liability for any damage or malfunction caused by operating errors, non-compliance with these operating instructions or inappropriate maintenance. We expressly point out that only genuine Molift AS spare parts and accessories approved by us may be used. For safety reasons, the fitting and use of spare parts or accessories, which have not been approved, and unauthorised modification or conversion of the product, are not permitted. Molift AS will accept no liability for damages resulting from such acts.

With the exclusion of product liability, Molift AS is liable for faults or omissions on its part within the scope of the warranty obligations stated in the purchase contract. Claims for damages are excluded, irrespective of the legal reason from which such claims are derived. Only documentation belonging to the actual equipment is valid.

Any failure to comply with the safety regulations and precautionary measures stated in these operating instructions renders the declaration of conformity supplied with the system in accordance with Council Directive (93/42/EEC) concerning medical devices invalid.

Safety precautions

General

Before putting a Molift NOMAD into operation, the operator must ensure that the lifter and accessories are in good working order, especially with regards to safety.

All instruction and information in this manual regarding safety and general precautions must be read, understood and followed carefully. Any disregard to these precautions may result in personnel injury or damage to the equipment. The lifter must be taken out of service immediately, or not returned to service, if faults and/or irregularities that may have influence on the safety are discovered.

Safety devices and -equipment must not be removed, disabled or in any other way altered. A Molift NOMAD shall only be used when all safety devices and equipment is in place and fully operational.

The lifter is designed for indoor use only, and should not be exposed to sun for a longer period.

The lifter is designed for use in room temperature, +10 to +40 °C. This should be taken into consideration when transporting the lifter, and therefore keeping it in a temperate part of the vehicle. Alternatively, the lifter must rest in a temperate room until the equipment has achieved proper working temperature.

If defects or faults occur

The lifter must be switched off immediately if one of the following conditions occur;

- damage to electrical devices or cables, or damage to parts of electrical insulation
- damage or failure on safety devices

If the lifting movement does not start when the corresponding button is pressed, please consult the troubleshooting table in the maintenance chapter to locate the fault.

Injury to personnel or equipment may occur if Molift NOMAD is used in an incorrect manner and if:

- covers are removed by unauthorised personnel
- used incorrectly
- insufficient maintenance
- load exceeds maximum limit. The maximum load stated in this manual and on the lifter is the maximum load
- unauthorised repair of electrical devices or cables

Lift and transfer

Several factors have to be considered during movement of the lifter:

- the user shall sit as low as possible facing the direction of movement.
- there is no obstacles in the moving area of the lifter.

Stand to the side of the user when lifting. Ensure that arms and legs are clear of the chair, bed etc. Try to maintain eye contact with the user - this will help the user feel safe and comfortable.

Pay close attention to your actions. Ensure that all four loops of the sling are securely fastened to avoid the user slipping or falling

Molift slings shall ONLY be used to lift persons. NEVER use the sling to lift and/or move objects of any kind.

About the product

Molift NOMAD is a portable ceiling lifter intended for lifting and transferring persons. The lifter is made out of light materials and has a battery. It can be used in institutions with various needs, making it necessary to move the lifter between different rooms.

The lifter has intelligent electronics with soft start/stop, and a counter to register the number of lift cycles.

Main parts

The lifter consists of a chassis with motor, lifting belt, electronics and battery. A rail system with a trolley is necessary for attachment of the lifter. The lifter has four hooks for attaching the sling with the user.

The lifter can be attached to the trolley directly, or by using an attachment arm. This makes it easy to move between the different rail systems. A climbing strap on the trolley makes it possible to climb from one rail system to another with a user suspended.

Safety devices

Molift NOMAD is equipped with several safety devices, which are intended to prevent personal injury or damage to equipment in the case of incorrect use.

- The lifter has an overload sensor which prevents the lifter from lifting too much. If the weight of the patient is too high, the lifter will stop.
- The lifting hooks are designed to prevent the lifting sling from falling off.
- Electrical system has a protection against overheating. If the temperature on the circuit card is too high, the lifter will stop, and you will have to wait until the temperature goes down.
- The lifter has a sensor which will stop the lifter if the lifting belt is not tight, to avoid it curling up.
- The electrical system registers the lifters operating time, and gives a signal when service is required.
- The battery lamp will illuminate when the lifter needs charging, and an audible signal will sound.
- The lifter features emergency stop and emergency lowering.

Technical data

Weight, total:
6,8 kg

Material:
Fibre armoured plastic and aluminium

Motor:
24 VDC

Battery:
26,6 V NiCd 1,9 Ah or
26,4 V NiMH 2,2 Ah

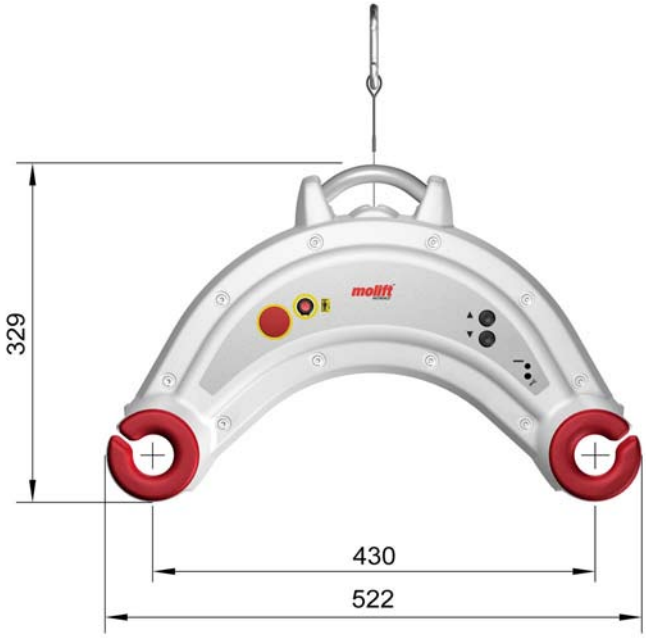
Lifting capacity (maximum):
230 kg (500 lbs)

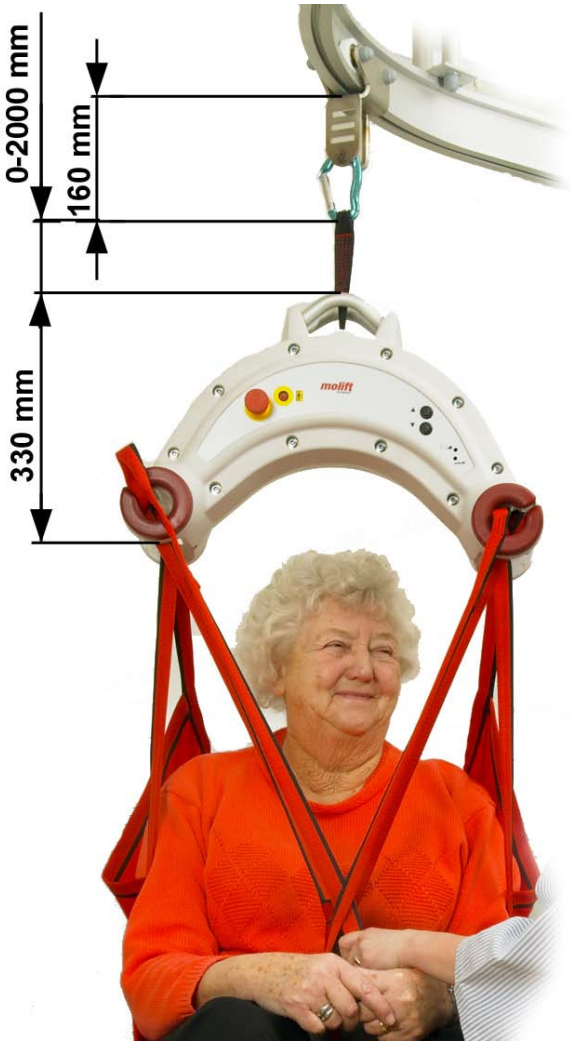
Lifting height:
2 meters

Number of lifts with fully charged battery:
approx 60 (standard lifts 75 kg, 50 cm)

Measurements:
522 x 200 x 329 mm (LxBxH)

Measurements in illustrations below are in millimetres.





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Assembly/disassembly

To be able to operate the Molift NOMAD, the operator must have good knowledge of the lift, including assembly and preparation before use.

Assembly and use of charger

The battery charger shall be mounted on a vertical wall surface close to a power outlet. The charger shall be connected to the power outlet at all times.

Molift AS tests and charges all batteries before packing and shipment. However, all batteries must be charged before use.

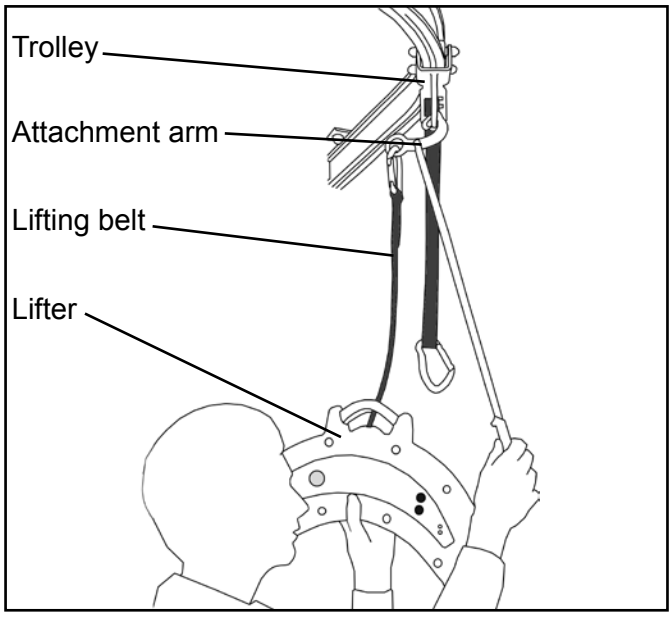
Assembly

The lifter shall only be mounted on a rail system with a capacity on 230 kg or higher.

If the molift NOMAD is mounted on a rail system with a lower lifting capacity, the lowest capacity also applies for the lifter.

Molift AS has the system liability only when the rail system with trolley is mounted by authorized service representative/dealer or Molift AS.

- Attach the safety hook on the lifting belt on the attachment arm.



- Hook the attachment arm to the trolley.
- Alternatively, the lifting belt can be hooked directly onto the trolley.
- Connect the hand control unit to the lifter.
- Reset the emergency stop button.

Take care that the lifter do not get damaged by hitting the floor or walls. Danger of personal injury if the lifting hooks are damaged.

Checklist before use

- Check that the lifter has no visible damage or missing parts.
- Check that the batteries are sufficiently charged.
- Make sure that the lifter is properly attached to the trolley and attachment arm, and that the safety hook is locked.
- Check that the lifter functions correctly by running it up and down.

If any damage or faults occur on the lifter or the rail system, contact your local service representative/dealer or Molift AS immediately. The lifter shall not to be used.

Disassembly

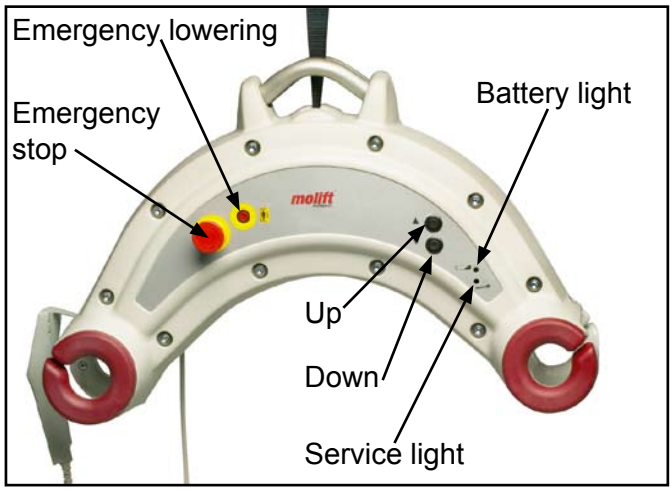
- Lower the lifter enough to hold it.
- Untight the lifting belt and remove it from the trolley using the attachment arm, or release the safety hook.
- The lifter can be moved.

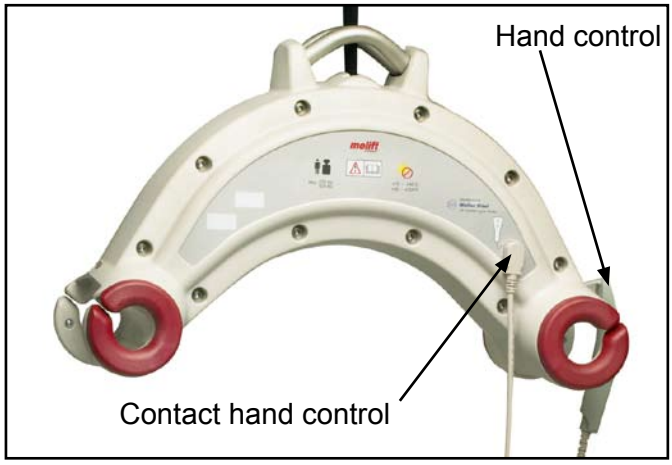
The control electronic has a power saving feature, which puts the system into stand by after a while of no activity. Activate one button and the service lamp will give a green light to show that the lifter is ready for use.

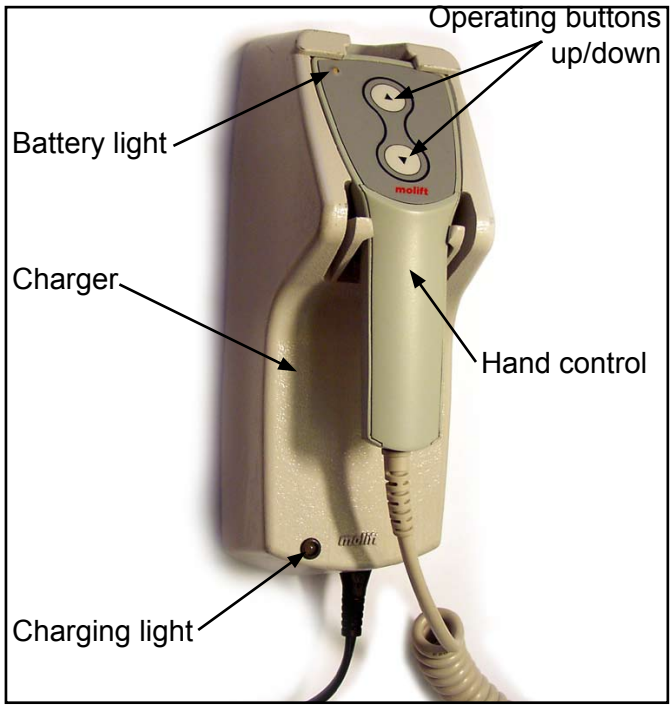
If the lifter is to be stored for a longer period, activate the emergency stop.

Operation

Functions







Operating the lifter

Connect the hand control cable to the plug on the back side of the lifter. The hand control has two buttons which gives the operator excellent control of the movement of the lifter up and down. Two buttons with the same function are placed on the right front side of the lifter.

Emergency stop and emergency lowering

All Molift lifters are equipped with emergency stop and lowering. The emergency stop button will cut the power to the motor, and is situated on the left front side of the chassis. Turn the button clockwise to reset.

It is possible to perform an emergency lowering in case of an electronic malfunction or uncontrolled stop. There is an emergency lowering button on the left front side of the chassis with a yellow seal. Move the lifter to a suitable location to lower the user.

- Puncture the seal and press the emergency lowering button. The lifter will make a smoothly movement downwards.
- If the lifter don't move, charge the battery, and try the emergency lowering button again. *Do not run the lifter when connected to the charger!*
- If none of the actions above works, the user must be lowered manually. Call for assistance.

If the reason for failure causing an emergency lowering is unknown or if it is a result of failed component, contact your local service representative/dealer or Molift AS.

Battery care

The batteries of the Molift NOMAD is a 26,4 V cell unit that is placed inside the chassis. Molift NOMAD can be used with two kinds of batteries: NiCd and NiMH.

The lifter has a battery light on both the lifter and the hand control which illuminates when the battery voltage drops below a certain level. There will also be an audible alarm, which indicates that the battery needs charging. There is still enough capacity to lower the patient.

If the battery is discharged during a lift, it is always enough power to lower the user down again.

Charging

The charger is to be mounted on the wall and connected to the power outlet at all times. The charging light on the charger gives a yellow light when the charger is ready for use and there is no hand control unit placed in the charger.

Charging light	Mode
Yellow	Ready for use, no battery connected
Yellow	Initialization
Orange	Fast charge
Green/yellow	Top-off charge
Green	Trickle charge
Orange/green	Error

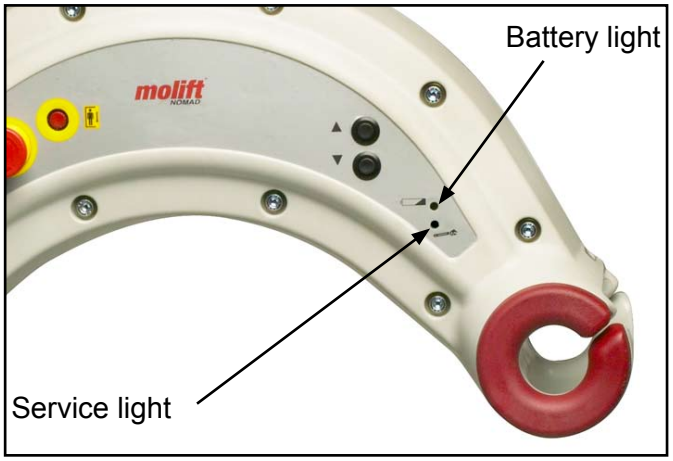
Place the hand control in the charger. After a few seconds the charger light will change from yellow to orange, indicating that the battery is charging. If the charging light gives a constant green light, this means the batteries are fully charged. The lifter can not be used while charging the batteries.

It's not possible to overcharge the batteries, but to ensure optimal performance throughout the lifetime of the battery, we recommend that the battery is allowed to rest for a couple of minutes after charging.

The lifter can be operated without hand control. The lifter is then equipped with a special charger with a contact to be plugged in the hand control contact on the lifter when charging. Both chargers have the same functions.

Electrical system

On the front right side of the lifter there is a service light which will give a signal when the lifter needs service. When there is a green light, the lifter can be used normally. If there is no light, push one of the up/down buttons to activate the electronics, and the service lamp will illuminate.



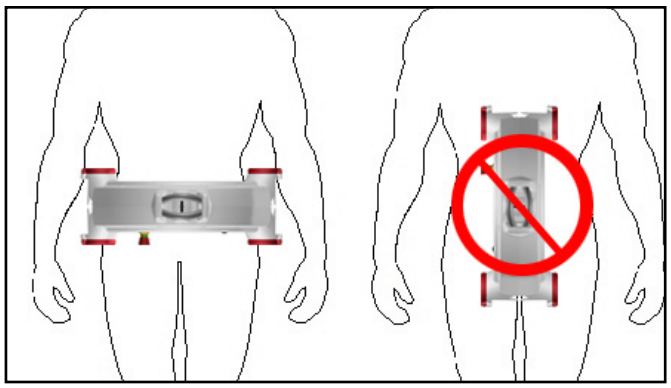
The electrical system has a power save function which will turn off the electrical system after ten minutes without activity. All lights will turn off. The system is activated when pushing one of the operating buttons,

If the lifter is run up and down constantly for a longer period, the electronics may be overheated, and then the lifter will stop. The service diode will give a yellow flashing signal until the lifter has cooled down sufficiently to work again.

If the lifting belt is untight, the lifter will stop to avoid the belt from rolling in incorrectly. Run lifter up to tighten belt.

Lift and transfer

The suspension shall always be positioned across the user as shown left in the illustration below.



When using slings intended for two point suspension, the suspension shall be used diagonally, i.e. loops from the sling shall be fastened on hooks diagonally opposite.

Be careful during movement - the suspended user may swing somewhat during turns, stops and starts. Be particularly careful when manoeuvring close to furniture to prevent the suspended user from colliding with these objects. It is preferred to turn the user to face the moving direction.

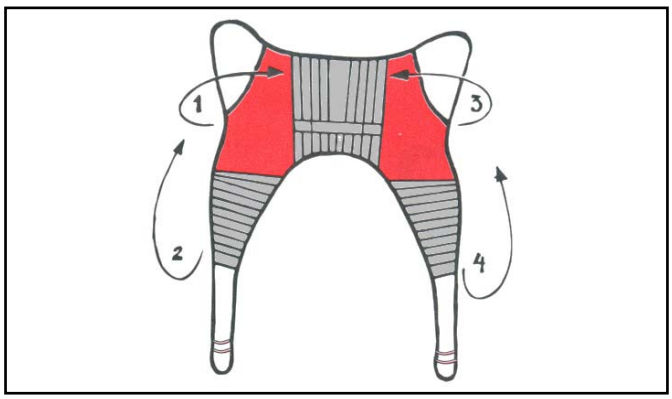
Check that the lifting belt don't curl when raising.

The lifter is only to be used for transferring over short distances. It is not a replacement for wheelchairs or similar.

Using lifting slings

The Easy lifting slings are, as the name indicates, easy to use. They are washable at 80º C and autoclave at 85 ºC for 30 minutes. The plastic insert of the head support should be removed before washing.

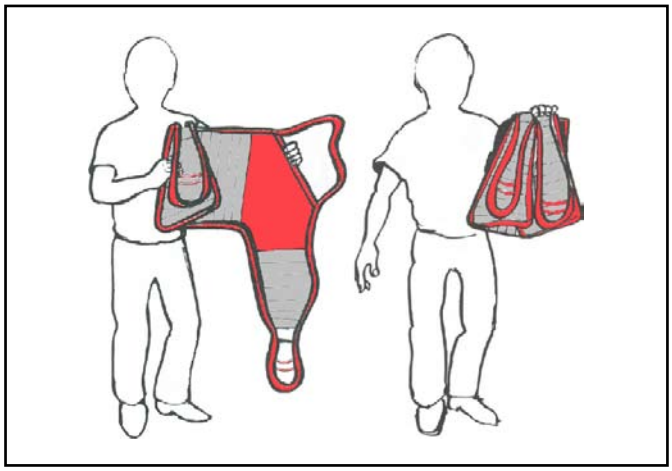
It is recommended to use Molift Easy slings. Slings from other manufacturers may have other specifications leading to unexpected instability and possible injury to personnel.



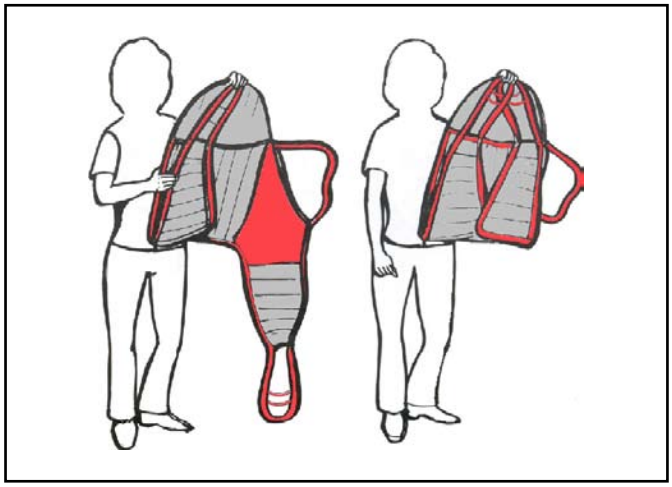
Fold the sling as indicated above before use. The grey side should be facing away from the user when putting the sling in place. The sling should be held by one hand, leaving the other free to move and support the user

Torn, cut, frayed or broken slings can fail, resulting in serious injury to the user. Use slings in good condition only. Destroy and discard old, unusable slings.

Sling without head support

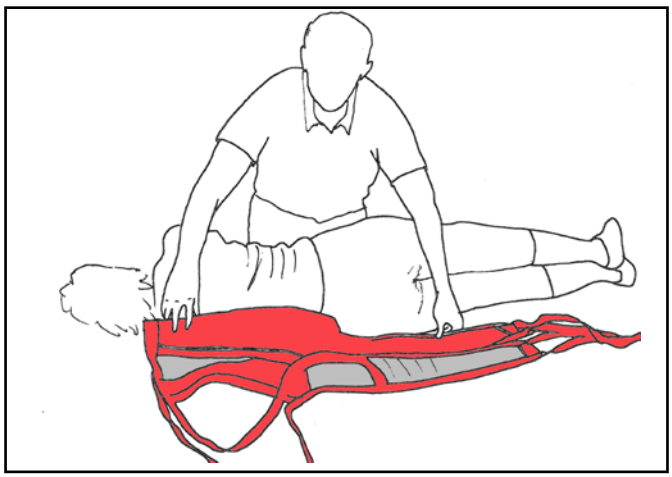


Sling with head support

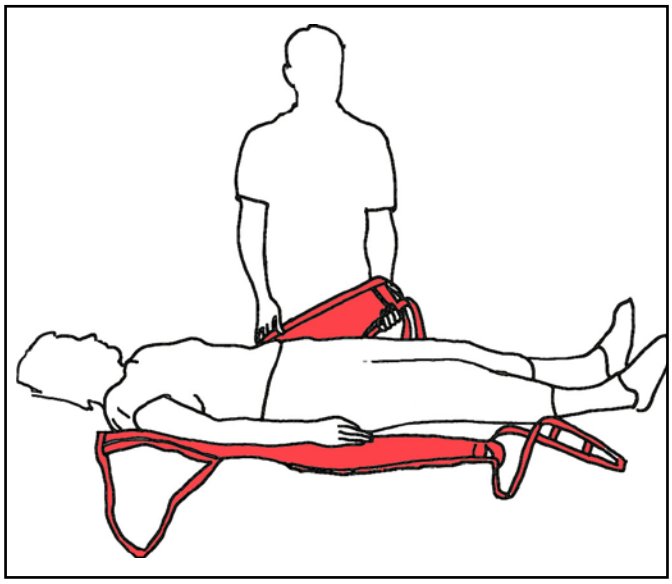


Lift and movement to and from bed

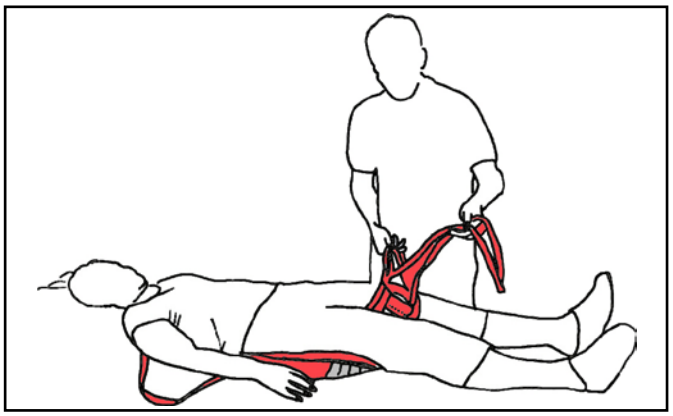
Lift from bed



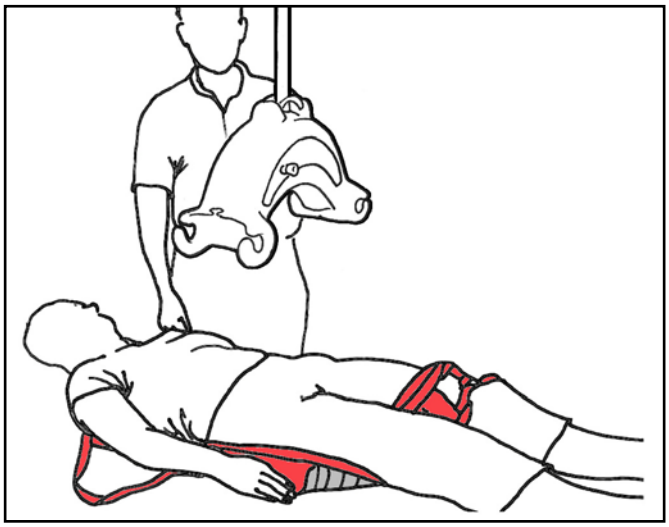
Roll user onto her side. Put the folded sling behind her back. The centre of the sling should be parallel with the users spine. Roll her then onto her back.



Pull the leg loops forward and under the thighs as shown.

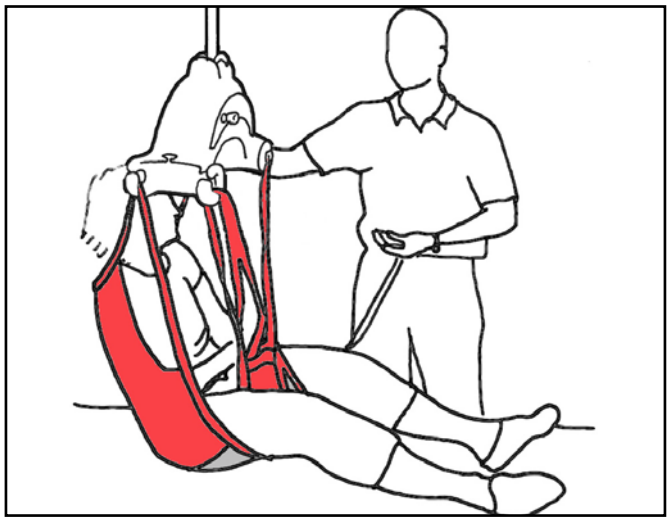


Cross the loops, one through the other.



If the user has a bed which enables raising and lowering, it should be lowered before the lifting starts.

Position the lifter above the patient. Be careful not to lower the lifter too low touching the patient. Make sure that the lifter is centred over the patient before you start the lifting.

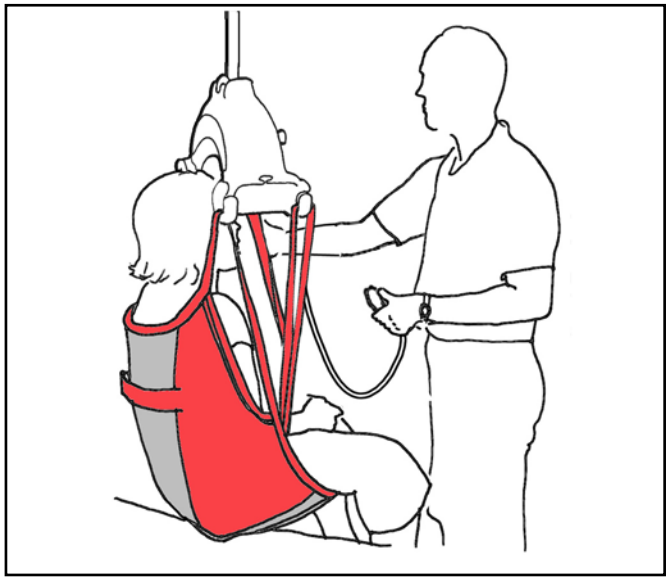


When all four loops are hooked on the lifter, raise the user carefully.

Make sure that the sling is properly hooked on the lifting hooks before you start lifting.

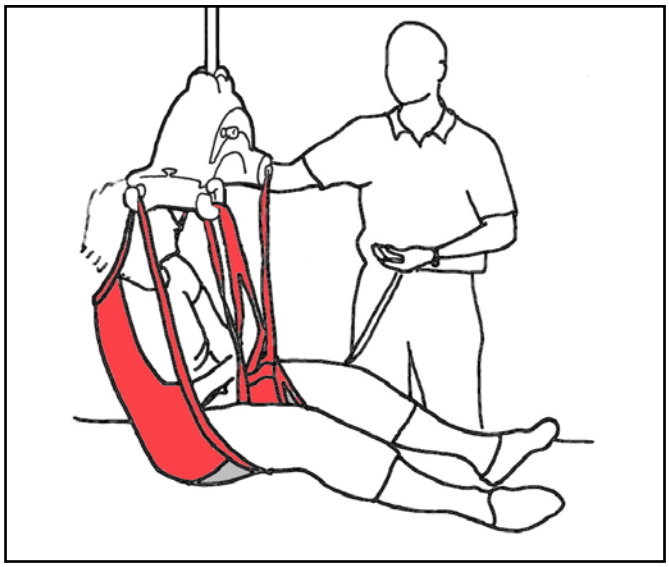
If the user is in a hospital bed, it will help to raise the head of the bed

Repositioning of the user may be needed to ensure that a safe and comfortable sitting position is attained as the user is raised. Reposition using the handle on the back of the sling.



Raise the user until the buttocks are just above the mattress. Lift the user's legs and turn her so she faces the direction of movement. Move the lifter away from the bed.

Transfer to bed



Centre the user over the bed and turn her so that the feet point to the foot end of the bed. Lower the user carefully. Remove the loops from the lifter hooks.

Removing the sling

Gently pull leg section to the side, out from the user's thighs and towards yourself. Pull the shoulder section under the neck of the user and roll her gently onto her side. Pull the sling away and roll her onto her back.

Be careful when rolling the user onto her side. Make sure you have control over the movement to prevent her from rolling completely over and out of the bed.

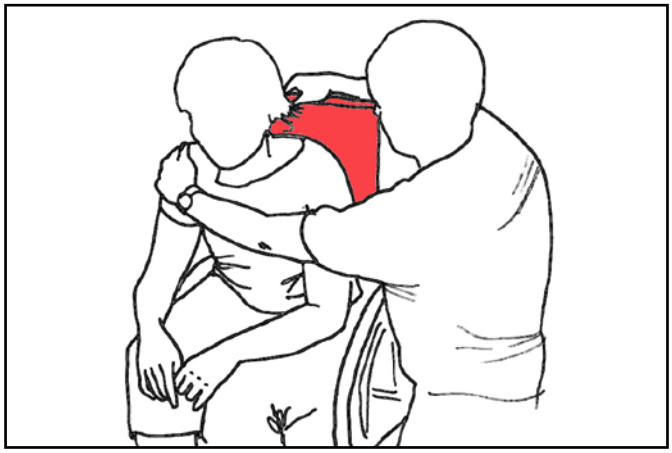
Lift and transfer to and from floor

Lift and transfer to and from floor is almost identical to lift and transfer from bed. Please see the section above.

Lift and transfer to and from (wheel)chair

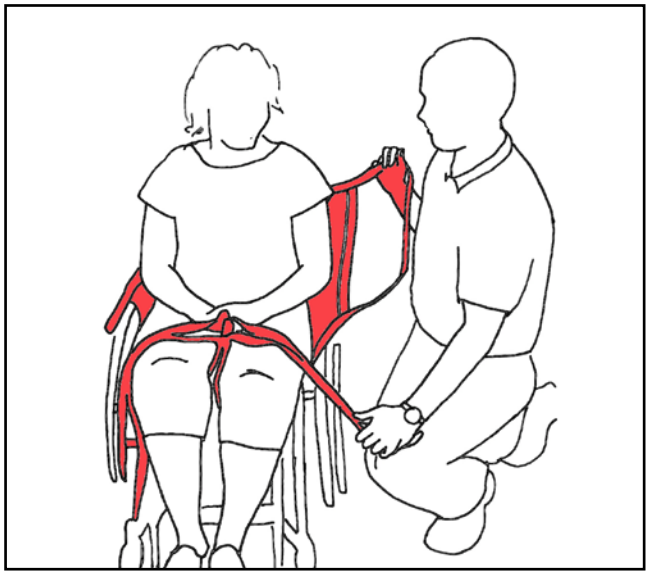
Lift and transfer from (wheel)chair

Fold the sling as described in ”Using lifting slings” Turn the gray side of the sling away from the user when placing the sling.

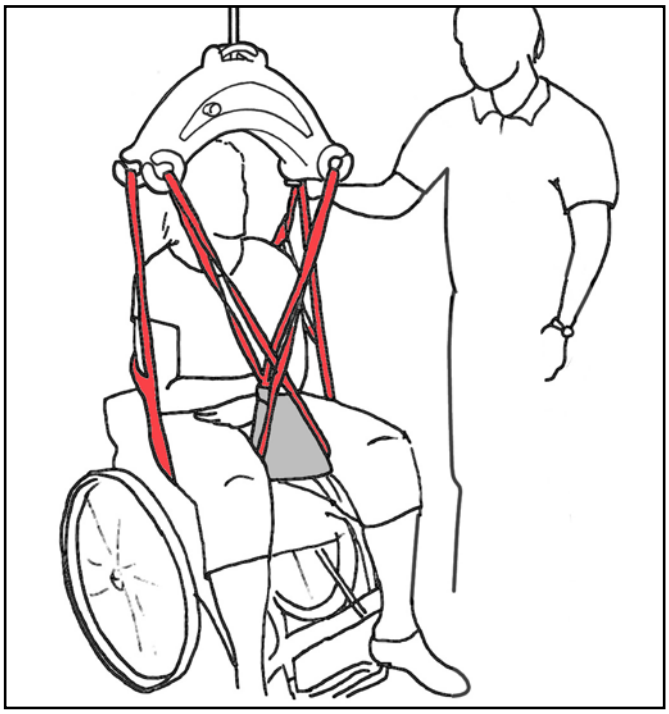


If the users physique and ability allows it, the user should be encouraged to take active part in fitting the sling. The user can lean forward, lift her thighs and help placing the leg section.

Lean the user forward gently, but ensure you continue to support her. Place the folded sling behind the user’s back and push it down until it touches the **seat of the chair.**



The leg sections of the sling are pulled forward and beneath the user’s thighs by the loops. The loops are then crossed, one through the other, as shown.



Hook the loops on the lifting hooks.

If the transfer is from a wheelchair, the brakes must be locked to prevent the wheelchair from rolling away.

Raise/lift user above seat height, and perform the transfer. It is not necessary to lift the person very high.

Lift and transfer to (wheel)chair

Manoeuvre the lifter so that the user is as far back in the (wheel) chair as possible.

If the transfer is to a wheelchair, the brakes must be locked to prevent the wheelchair from rolling away.

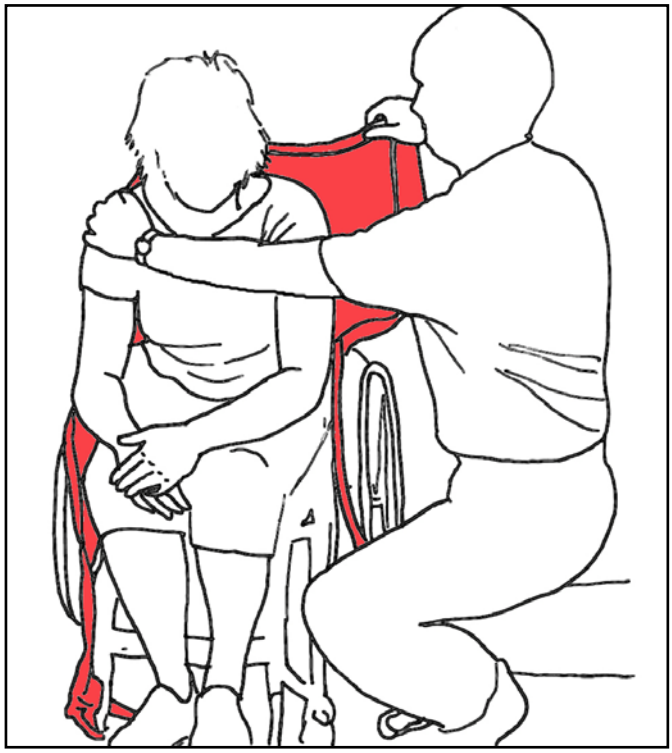
When lowering, you can use the following techniques or a combination of them to position and get the user seated far beck in the chair:

- push gently on the knees
- pull the loop on the back of the sling
- tilt the chair slightly backwards.

Lower the user into the chair, unhook the sling from suspension and remove the lifter.

Removal of sling

Gently pull leg section to the side, out from the user's thighs. Standing by the side of user, lean her forward - supporting with one hand. Pull sling up from behind her back.



Pulling sharply on sling may cause user to fall forward resulting an injury. Always support the user by keeping one arm around the user's shoulder when fitting or removing the sling (see illustration).

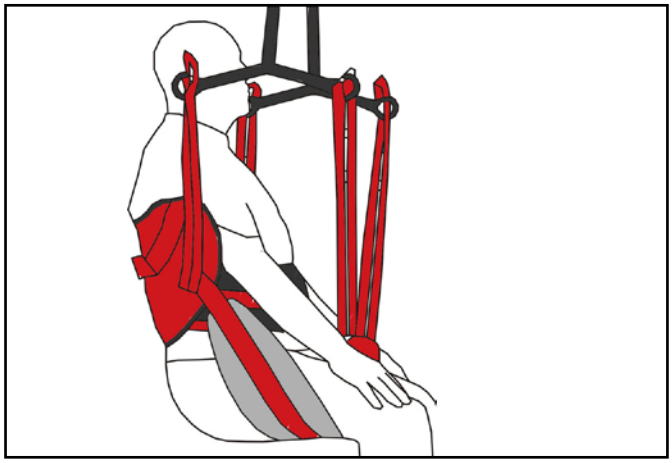
If the users physique and ability allows it, the user should be encouraged to take active part in fitting the sling. The user can lean forward, lift her tights and help placing the leg section.

Bath

The procedure for lifting to/from the bath is in principle the same as for to/from bed or to/from chair. A special bathing sling is used for this purpose. This sling dries quickly and may be washed at 80 ºC.

Take care that the lifter itself is NOT lowered into the water. The lifter might stop functioning.

Toileting

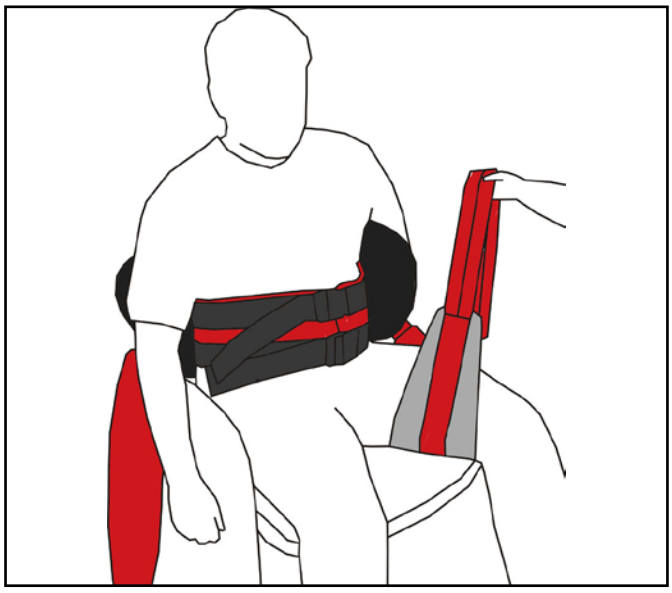


The Molift Easy Toilet Sling is used with the standard 4-point suspensions.

Molift Easy Toilet sling is a toilet sling with a thicker and wider upholstery. It is also available with head-support. The Molift Easy Toilet Comfort sling is easier to fit in narrow environments, and is available with a separate head support

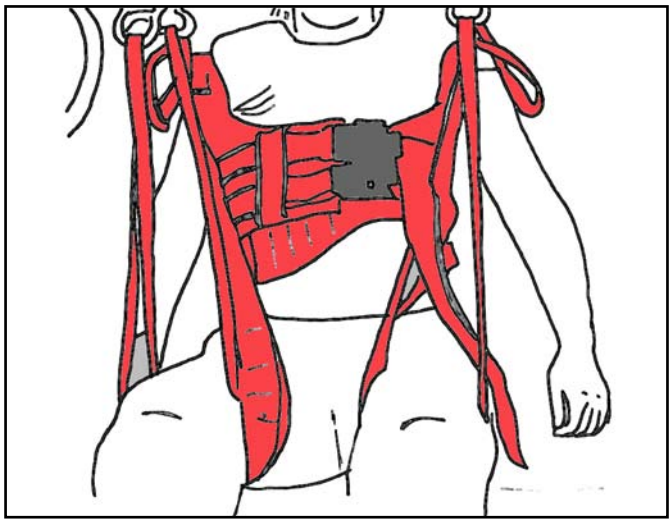
The toilet sling can be washed at 80 ºC, and is fitted as follows:

- Insert the sling behind the users back with the grey side away from user.
- Fasten the belt firmly around the user's body.
- Place the leg section under the front part of the thighs and pull the loops up between the thighs.



- On Molift Easy Toilet Comfort, place the leg section over and down between the thighs and pull outwards from the inner part of the thighs.

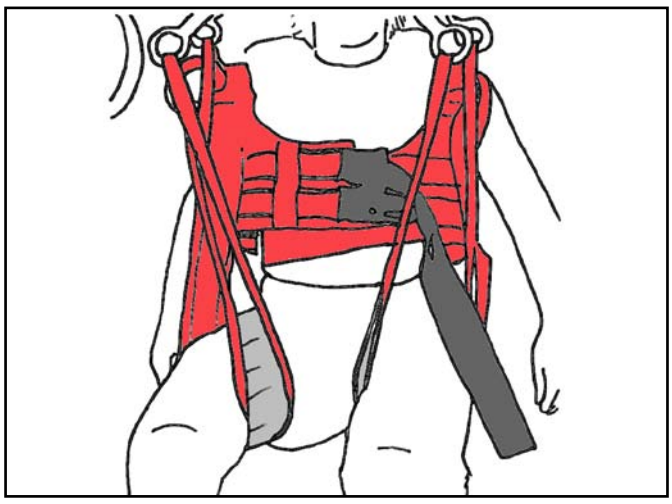
The leg sections of Molift Easy Toilet Comfort Sling are fitted to separate the legs, therefore they should not be crossed as the other Easy slings.



- Hook the four loops on the suspension as for other slings.
- Position the lifter around the toilet and lower the user.
- Pull the leg sections out of the way. The sling can be left on during bathroom use.

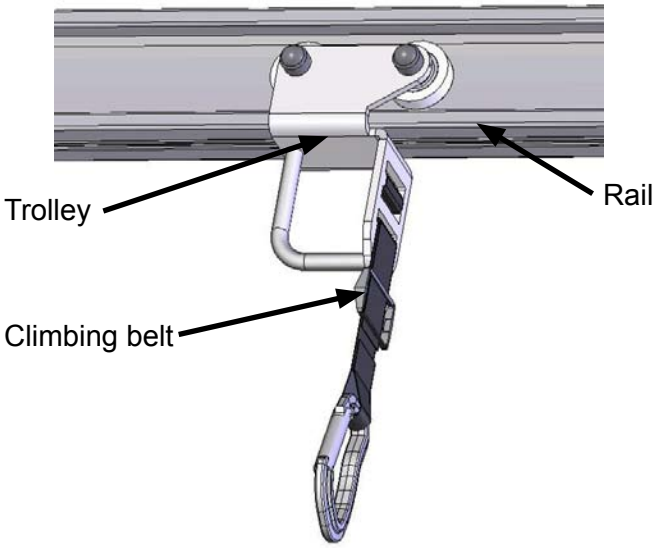
Alternative

By pulling the leg sections from the outside and in, you will achieve a wider leg position.

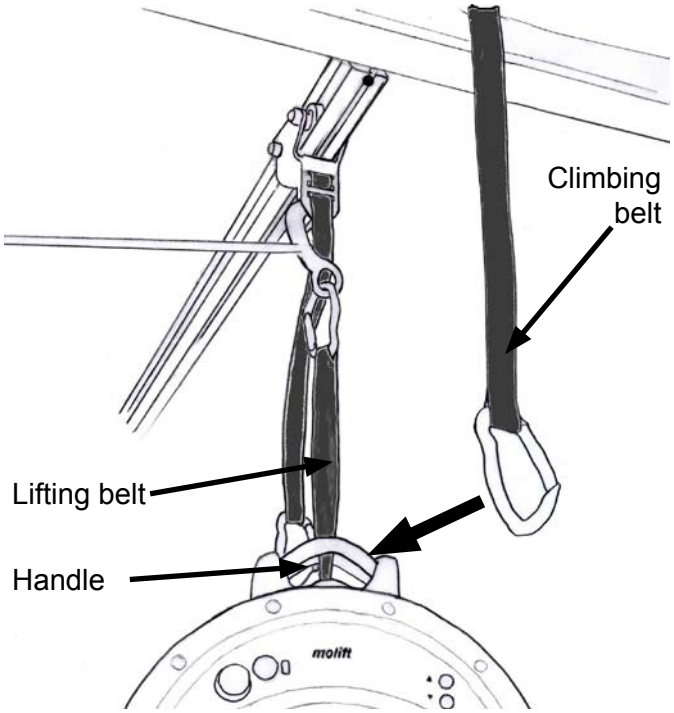


Climbing

With Molift NOMAD it is possible to climb between two rail systems, and then we can avoid cut-outs above the doors. There must be a trolley with a climbing belt present on both rail systems.

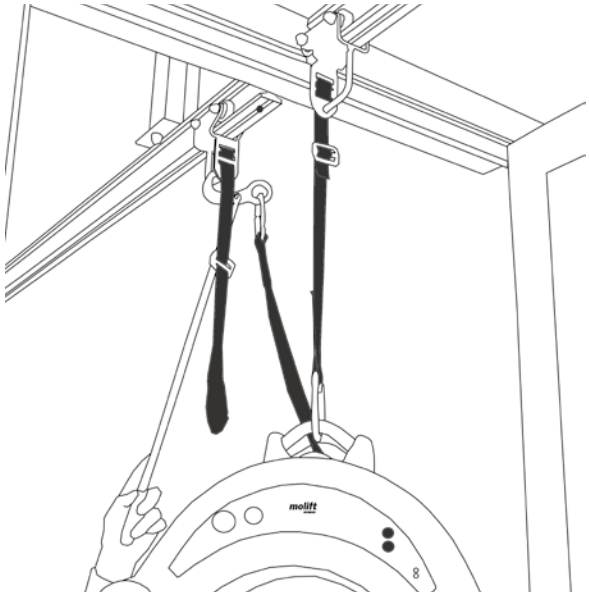


- Move the lifter until it stops at the end of the rail, and move the trolley on the opposite side as close as possible.



- Raise the lifter until it is possible to attach the climbing belt on the opposite trolley to the lifters handle.
- Lower the lifter until it hangs in the climbing belt only.

The lifter will stop if the lifting belt is untight.



- Move the lifting belt to the opposite trolley with the attachment arm.
- Run the lifter up until it hangs in the lifting belt. The climbing belt can be released, and the lifter can be run up and down as normal.

Rail system

The rail system is mounted rigidly and may consist of several parts, like a traverse with transition coupling and switches.

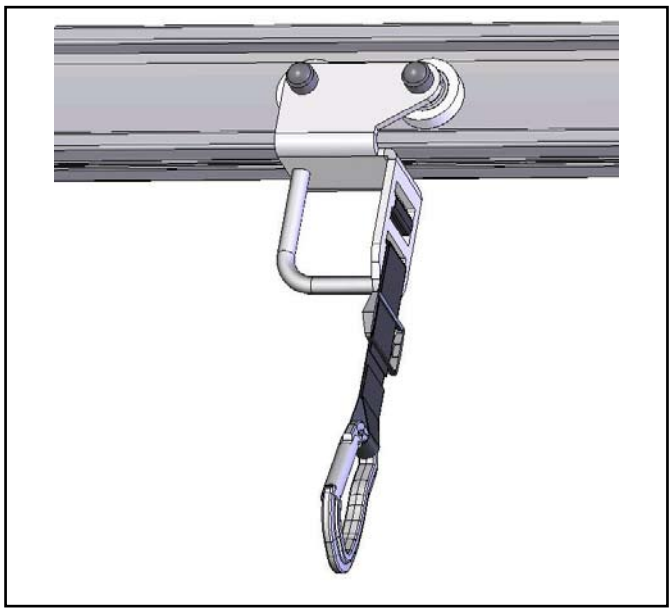
If any damage or faults occur on the rail system, contact your local service representative/dealer or Molift AS immediately.

Only one lifter is allowed to be mounted on each rail system at the same time. Make sure that the rail system has the same max. load as the lifter, 230 kg.

If the molift NOMAD is mounted on a rail system with a lower lifting capacity, the lowest capacity also applies for the lifter.

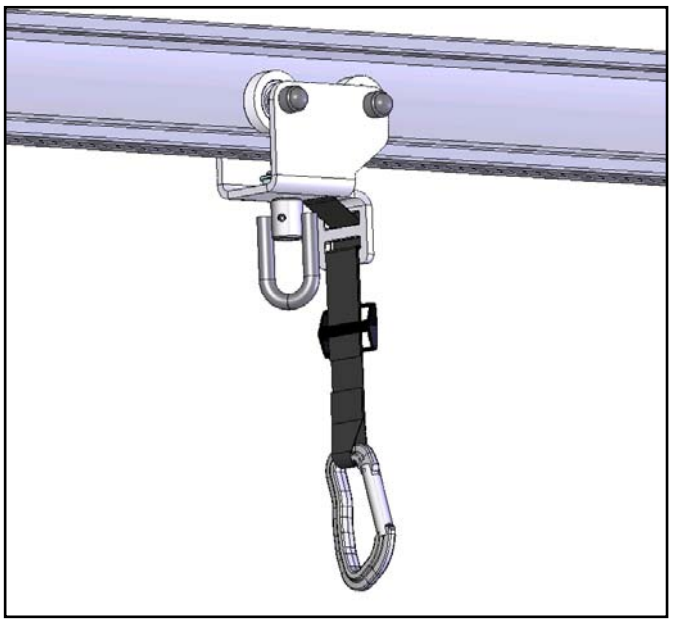
Trolley

The lifter is attached to the rail system by hooking the lifting belt on a trolley mounted on the rail system.



A climbing belt on the trolley makes it possible to climb between two different rail systems.

Another trolley with a rotatable attachment hook is also available. This makes it easier to rotate and keep the patient in correct position.



Accessories

Lifting sling

Molift Easy Paediatric Sling

Size	No headsupport	With headsupport
XXS	Art. no 3005050	Art. no 3006050
XS	Art. no 3005000	Art. no 3006000

Easy Toilet Sling and Basic Bathing Sling for kids, see the tables below, size XXS and XS.

Molift Easy Sling

Size	No headsupport	With headsupport
XS	Art. no 3025000	Art. no 3026000
S	Art. no 3025100	Art. no 3026100
M	Art. no 3025200	Art. no 3026200
L	Art. no 3025300	Art. no 3026300
XL	Art. no 3025400	Art. no 3026400
XXL	Art. no 3025500	Art. no 3026500

Molift Basic Sling

Size	No headsupport	With headsupport
XXS	Art. no 3021050	Art. no 3022050
XS	Art. no 3021000	Art. no 3022000
S	Art. no 3021100	Art. no 3022100
M	Art. no 3021200	Art. no 3022200
L	Art. no 3021300	Art. no 3022300
XL	Art. no 3021400	Art. no 3022400
XXL	Art. no 3021500	Art. no 3022500

Molift Basic Bathing Sling

Size	No headsupport	With headsupport
XXS	Art. no 3023050	Art. no 3024050
XS	Art. no 3023000	Art. no 3024000
S	Art. no 3023100	Art. no 3024100
M	Art. no 3023200	Art. no 3024200
L	Art. no 3023300	Art. no 3024300
XL	Art. no 3023400	Art. no 3024400
XXL	Art. no 3023500	Art. no 3024500

Molift Easy Toilet Sling

Size	No headsupport	With headsupport
XXS	Art. no 3032050	Art. no 3033050
XS	Art. no 3032000	Art. no 3033000
S	Art. no 3032100	Art. no 3033100
M	Art. no 3032200	Art. no 3033200
L	Art. no 3032300	Art. no 3033300
XL	Art. no 3032400	Art. no 3033400
XXL	Art. no 3032500	Art. no 3033500

Molift Easy Toilet Sling Comfort

Size	No headsupport	Separate headsupport
XXS	Art. no 3016050	Art. no 3016055
XS	Art. no 3016000	Art. no 3016001
S	Art. no 3016100	Art. no 3016111
M	Art. no 3016200	Art. no 3016222
L	Art. no 3016300	Art. no 3016333
XL	Art. no 3016400	Art. no 3016444
XXL	Art. no 3016500	Art. no 3016555

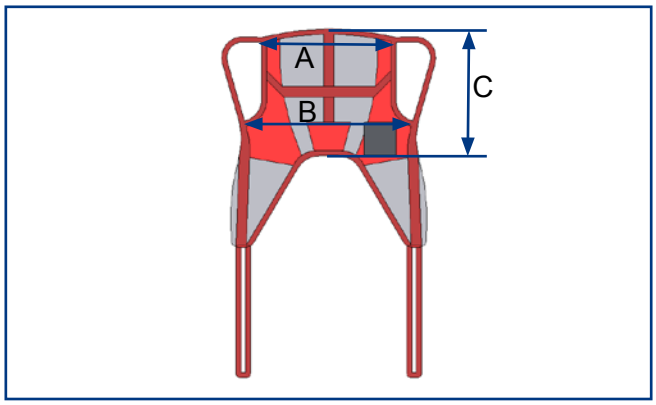
Molift Easy Amputee Sling

Size	No headsupport	With headsupport
XXS	Art. no 3027050	Art. no 3028050
XS	Art. no 3027000	Art. no 3028000
S	Art. no 3027100	Art. no 3028100
M	Art. no 3027200	Art. no 3028200
L	Art. no 3027300	Art. no 3028300
XL	Art. no 3027400	Art. no 3028400
XXL	Art. no 3027500	Art. no 3028500

Molift Ambulating Vest

Size	No headsupport	Waist diameter
S	Art. no 303610	60-75 cm
M	Art. no 3036200	75-100 cm
L	Art. no 3036300	100-150 cm

Sling size guide



Easy and Basic Slings

Size	Color code	Recomm. weight (Kg)	A (cm)	B (cm)	C (cm)
XXL	White	230-300	86	130	68
XL	Blue	160-240	76	115	66
L	Green	90-160	66	100	64
M	Yellow	45-95	56	85	62
S	Red	25-50	51	75	60
XS	Light blue	17-25	46	65	58
XXS	Pink	12-17	41	55	56

Choice of sling size depends on both user weight and shape/size of user.

Please see the user manual following each sling for spesific user instructions.

Sling bag
Bag for slings - Art. no 3048000

Molift NOMAD
Attachment arm - Art. no 1211000

Maintenance

Daily maintenance

Detergents must be pH-neutral. Do not use solvents or strong liquids - this may damage surfaces on the lifter. For disinfection when needed; use isopropyl alcohol. Avoid abrasive cleaning products.

Clean surfaces with a damp cloth using an appropriate detergent.

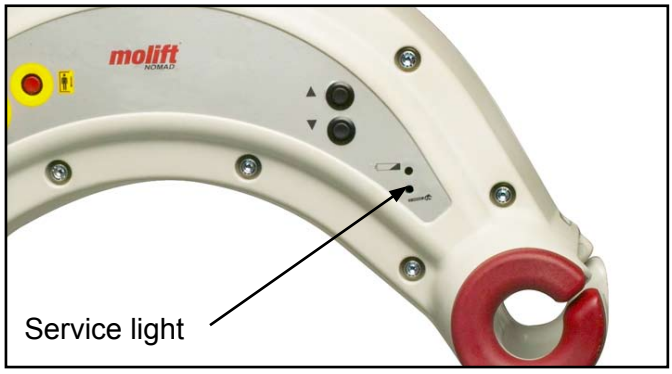
Monthly maintenance

- Run the lifter through the complete installation, and check that it is running smoothly.
- Verify that the hand control contact is firmly in place. Clean contact and hand control with white spirit to remove grease and dirt.
- Check that the hand control cable has no damage.
- Check that the lifting belt has no damage, remove hair, dirt and dust from opening and check that the belt moves out and in easily throughout the length of the belt.
- Run lifter up and down to verify that it moves normally without any abnormal noise.
- Check that the battery and service light gives no signal.

Contact local service representative/dealer or Molift AS if the lifter does not work properly or if the service light illuminates.

Service / maintenance

On the front right side of the lifter there is a service light which will give a signal when the lifter needs service. When there is a green light, the lifter can be used normally. If there is no light, push one of the up/down buttons to activate the electronics, and the service lamp will illuminate.



The electronics measures the operating time of the lifter, and after a specific time the yellow light will illuminate, indicating that the lifter needs service. Take contact with your local Molift service representative/dealer. The lifter can still be operated, but after a while an audible alarm will sound, to remind the operator that the lifter needs service immediately.

Service light codes

Service light	Mode
No light	Power saving
Green	Ready for use
Yellow	Book service
Red	Perform service
Red + sound	Perform service immediately
Flashing yellow	Overheating

The electrical system has a power save function which will turn off the electrical system after ten minutes without activity. All lights will turn off. The system is activated when pushing one of the operating buttons

If the lifter is run up and down constantly for a longer period, the electronics may be overheated, and then the lifter will stop. The service diode will give a yellow flashing signal until the lifter has cooled down sufficiently to work again.

If the lifting belt is untight, the lifter will stop to avoid the belt from rolling in incorrectly. Run lifter up to tighten belt.

If you are not able to solve the fault or problems by yourself using this manual, please contact your local authorized service representative. If you don't know whom to contact locally, please contact your dealer or Molift AS to get help.

Service is done according to procedures in the service manual included with the lifter, and the service signal on the lifter.

The owner is responsible to ensure proper logging and written verification performed by authorized service representative. The service manual has dedicated pages for logging and signature.

Troubleshooting

Symptom	Possible cause/*action*
The lifter does not work	Battery discharged / charge *battery*
	Emergency stop is activated (pushed in) / *turn clockwise to reset*
	The cable/contact of the hand control has disconnected / *re-connect contact*
	Hand control has failed / *use operating buttons on lifter, switch hand control or contact local service representative for service*
	Lifting belt is untight / *tighten lifting belt, raise lifter*
	Defective control electronics / *contact local service representative for service*
	Lifter is defective / *contact local service representative for service*
Lifter moves slowly or makes noise	Brakes defective / *contact local service representative for service*

WARRANTY

Molift AS hereby declares that this product is awarded up to 5 - five - year extended manufacturer's warranty.

It is very important to our customers and to Molift AS that our products meet all relevant quality and safety requirements according to both customer and authority demands. Molift AS develops and manufactures products with high standards of safety, quality and design, and we are continuously in a process of keeping our products in position among the market leaders.

To make our products quality level more explicit Molift AS have introduced extended warranty time on all of our patient lifters. A 5 - five - year* warranty against defects which might be traced back to manufacturing is offered. The extended warranty period is offered under the condition that the regulations described here are completely fulfilled and that the product has been used according to its intentions. The extended warranty is valid for a period of 5 - five - years starting at the date of purchase limited to 3 months after the production year/week. The extended warranty is offered in addition to the local sale of goods act. It is mandatory that the product undergoes safety control and maintenance performed by an authorised service partner at least every 12 months according to this service manual made by Molift AS.

- Yearly maintenance and safety control must be performed within a maximum interval of 12 months and for the first time maximum 12 months after date of purchase or maximum 15 months after year/week of production.
- Molift AS will cover the cost of spare parts and labour in the warranty period for all necessary repairs caused by product defects that can be traced back to manufacturing. The repair must be performed by an authorised service partner or at Molift AS' own workshop during the warranty period.
- All warranty repairs must be approved by your Molift supplier or by Molift AS prior to the repair.
- The owner of the product is responsible for establishing the service agreement, and the cost for the annual safety control and maintenance.
- The service manual has one page for every 12 months containing checkpoints for maintenance and safety control. The extended warranty is valid only with signature and/or stamp by authorised service partner including service partner's signed label with authorisation no. on product.

** Normal warranty is 12 months. This still applies for slings, hand control, batteries and paint.*

Gjøvik 28.08.2006

Molift AS

Geir Olav Farstad
Managing Director

DECLARATION OF CONFORMITY

CE

Molift AS
Ole Deviksvei 44
0668 OSLO
NORWAY
Telephone: + 47 40 00 10 04

hereby declare that:

Molift NOMAD patient lifter

and that the accessoires used only together with this product

Year: 2006

are in conformity with:

- The Council Directive concerning medical devices (93/42/EØF)
and according to this classified as ***medical equipment class 1***

Molift NOMAD is manufactured in conformity with the following national or international standards that also might implement a harmonised standard:

- ISO10535 Hoists for the transfer of disabled persons - Requirements and test methods
- ISO 14971 Medical equipment - Risik analysis

Notified fody:

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Gregersensvej
DK-2630 Taastrup
Denmark
Tel: + 45 43993322

NEMKO AS
Gaustadalleen 30
N-0314 OSLO
Norway
Tel: + 47 22960342

Title: Managing Director
Name: Geir Olav Farstad
Company: Molift AS

28.08.2006
Date

Signature

At times with increasing demand for efficiency in the healthcare sector and growing focus on patients needs, it is easy to neglect the needs of the carer. The need to give better help and caring avoiding heavy lifting situations, avoiding putting your own back at risk, without being completely exhausted after work and still have some surplus energy when the workday is over.

This is the insight that drives us at Molift. The company was started 20 years ago by a man who through his own experience saw the need for lifting and moving patients in an effective and comfortable way - for both patient and carer.

We have since then delivered products that compliment the natural movements of the body, that is both simple and intuitive to use. Products designed to give the patient a better life in addition to providing the carer with real support and optimum work enjoyment.

This is the true meaning of; Molift - designed for life

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